

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036739.D
 Acq On : 27 Mar 2025 16:14
 Operator : RC/JU
 Sample : PB167251BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167251BL

Quant Time: Mar 27 17:12:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1359	0.400	ng	-0.02
7) Naphthalene-d8	10.498	136	2889	0.400	ng	#-0.01
13) Acenaphthene-d10	14.356	164	1699	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3701	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	3168	0.400	ng	0.00
35) Perylene-d12	23.531	264	2693	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	1476	0.466	ng	-0.01
5) Phenol-d6	6.879	99	1499	0.383	ng	-0.02
8) Nitrobenzene-d5	8.865	82	1121	0.357	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	1588	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	269	0.349	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	3011	0.305	ng	0.00
27) Fluoranthene-d10	19.127	212	4373	0.461	ng	-0.01
31) Terphenyl-d14	19.726	244	3057	0.403	ng	-0.02

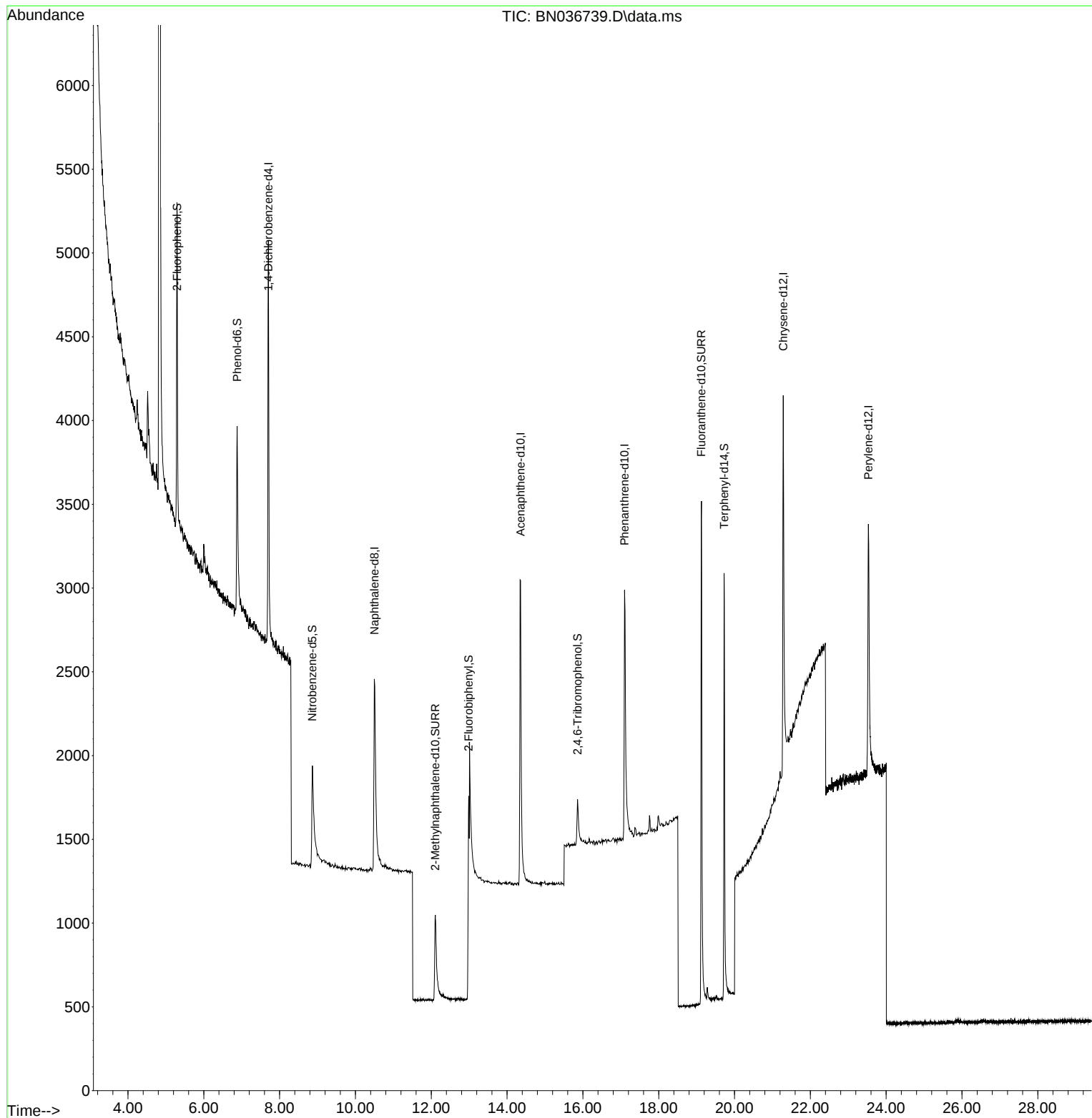
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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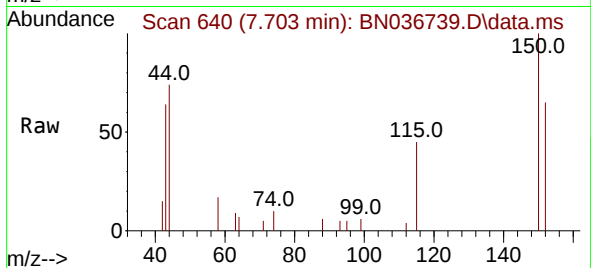
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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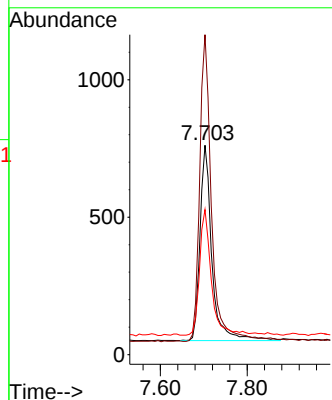
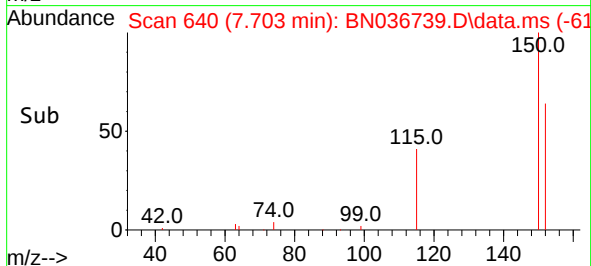


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036739.D
Acq: 27 Mar 2025 16:14

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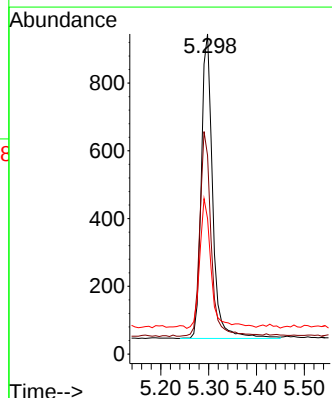
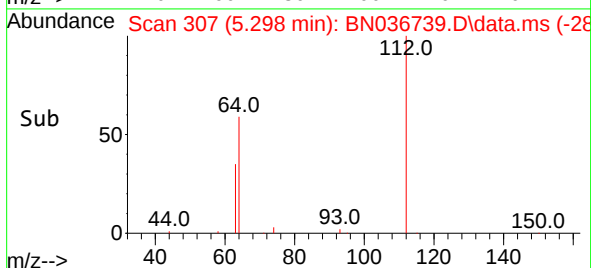
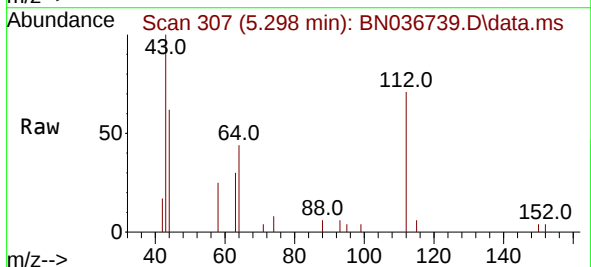


Tgt Ion:152 Resp: 1359
Ion Ratio Lower Upper
152 100
150 152.8 123.7 185.5
115 69.3 54.3 81.5



#4
2-Fluorophenol
Concen: 0.466 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.014 min
Lab File: BN036739.D
Acq: 27 Mar 2025 16:14

Tgt Ion:112 Resp: 1476
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 43.2 31.8 47.8

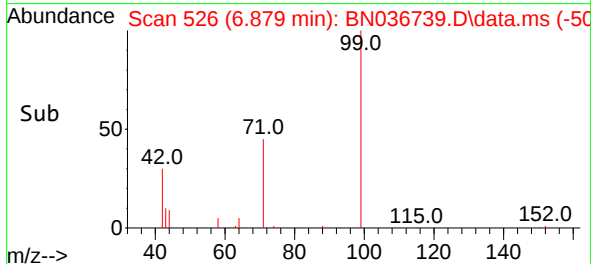
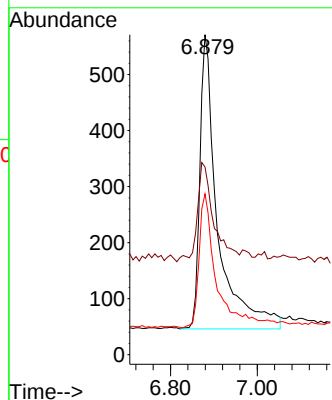
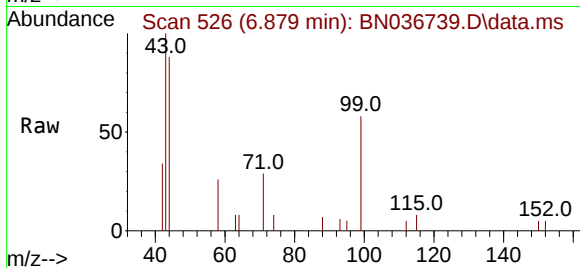




#5
Phenol-d6
Concen: 0.383 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN036739.D
Acq: 27 Mar 2025 16:14

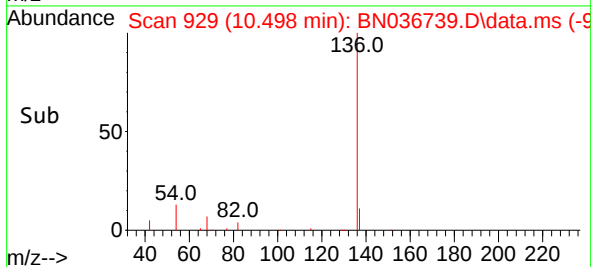
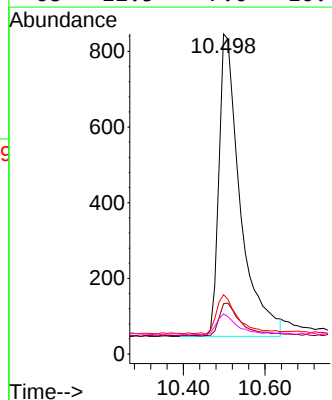
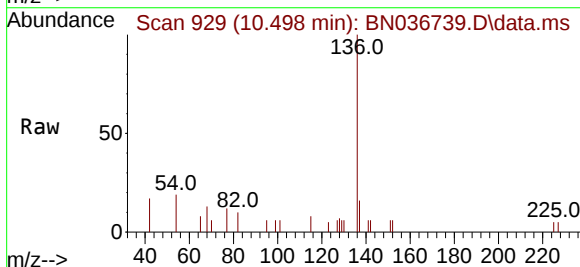
Instrument :
BNA_N
ClientSampleId :
PB167251BL

Tgt Ion: 99 Resp: 1499
Ion Ratio Lower Upper
99 100
42 31.2 26.5 39.7
71 43.6 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036739.D
Acq: 27 Mar 2025 16:14

Tgt Ion: 136 Resp: 2889
Ion Ratio Lower Upper
136 100
137 15.7 10.3 15.5#
54 18.6 11.5 17.3#
68 12.5 7.0 10.4#

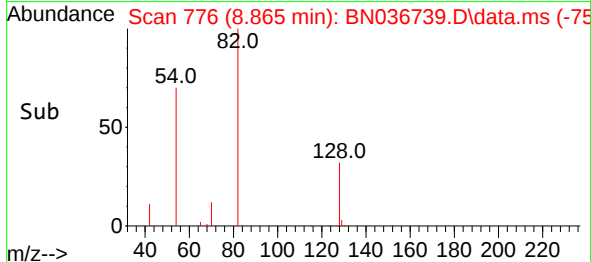
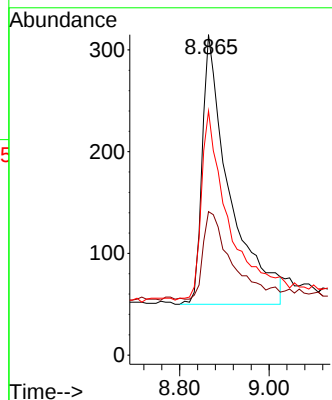
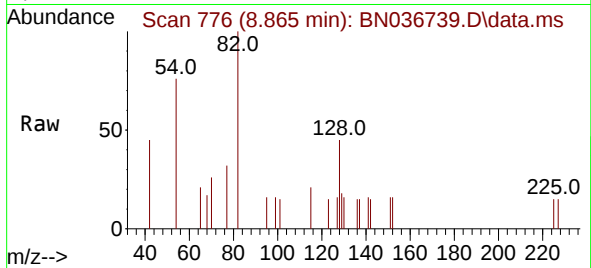




#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036739.D
Acq: 27 Mar 2025 16:14

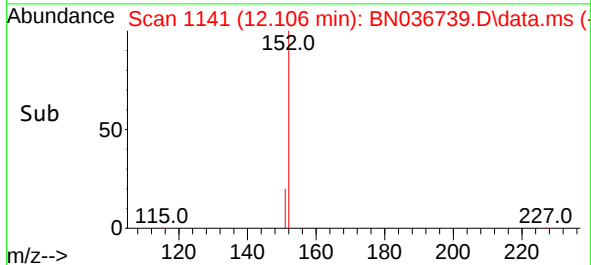
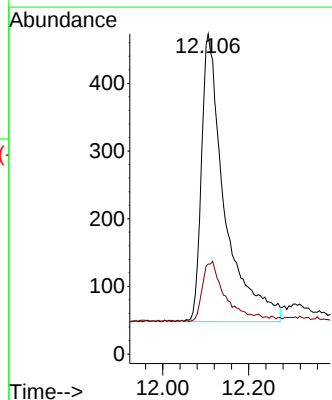
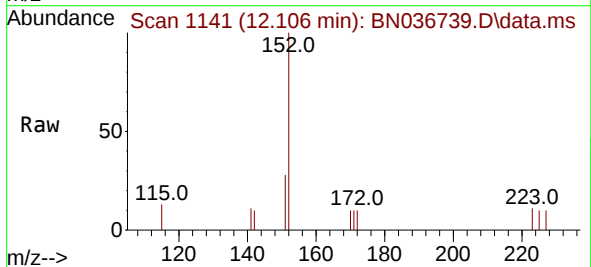
Instrument :
BNA_N
ClientSampleId :
PB167251BL

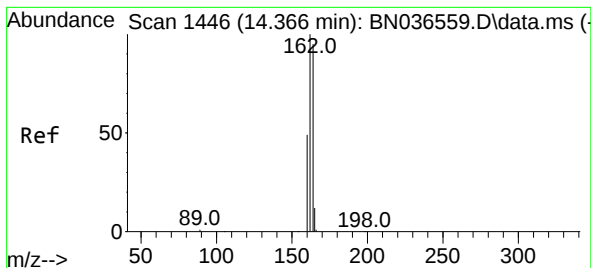
Tgt Ion: 82 Resp: 1121
Ion Ratio Lower Upper
82 100
128 44.8 30.6 45.8
54 76.2 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036739.D
Acq: 27 Mar 2025 16:14

Tgt Ion: 152 Resp: 1588
Ion Ratio Lower Upper
152 100
151 20.1 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.356 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BN036739.D

Acq: 27 Mar 2025 16:14

Instrument :

BNA_N

ClientSampleId :

PB167251BL

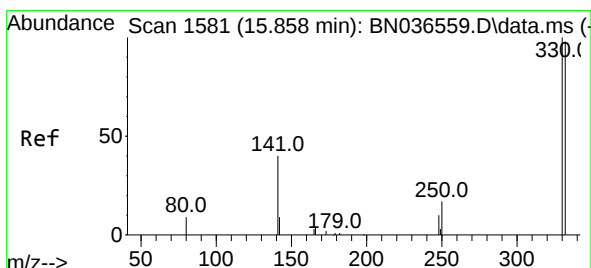
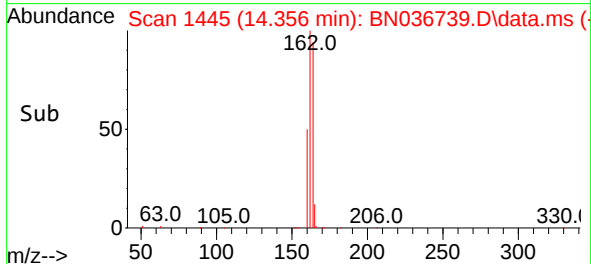
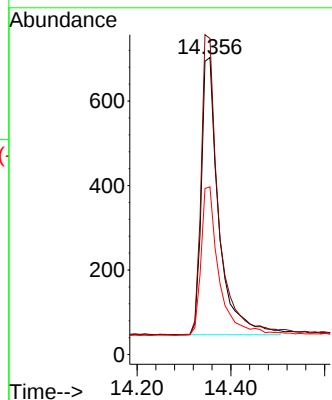
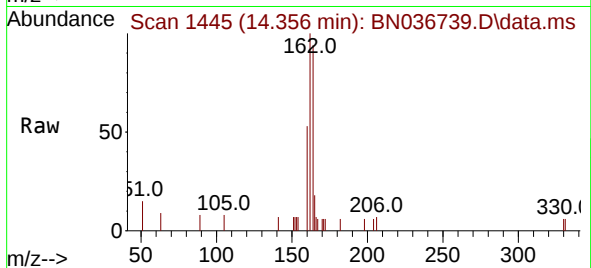
Tgt Ion:164 Resp: 1699

Ion Ratio Lower Upper

164 100

162 106.4 84.2 126.2

160 56.5 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.349 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BN036739.D

Acq: 27 Mar 2025 16:14

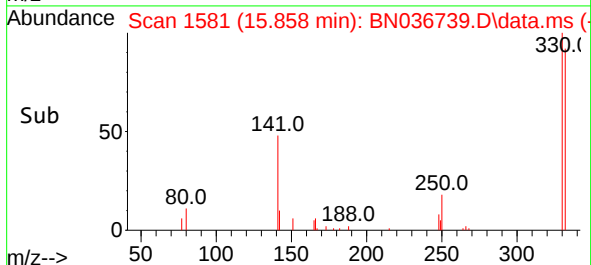
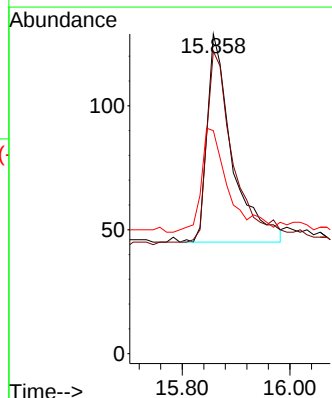
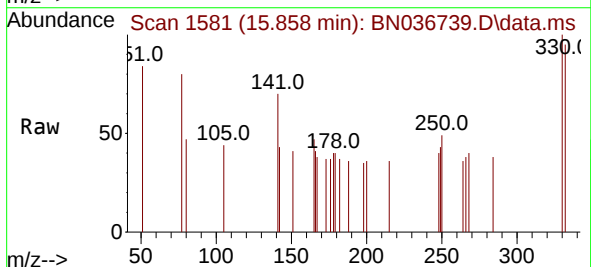
Tgt Ion:330 Resp: 269

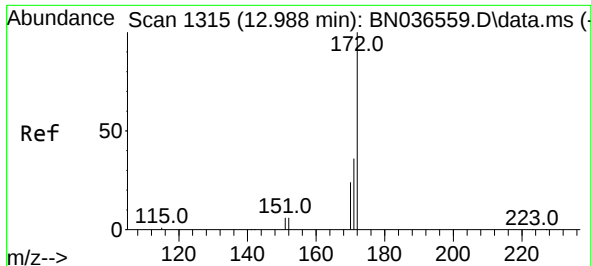
Ion Ratio Lower Upper

330 100

332 98.9 75.2 112.8

141 54.6 43.4 65.2

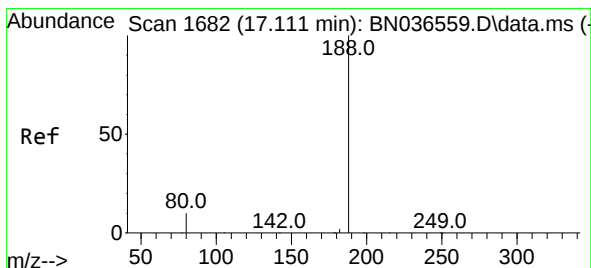
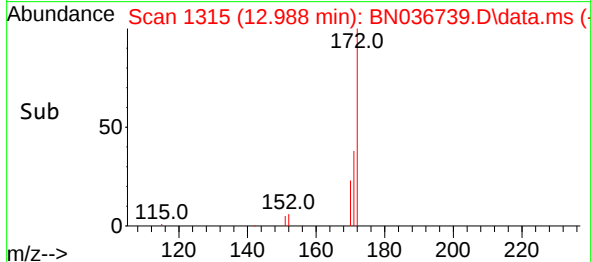
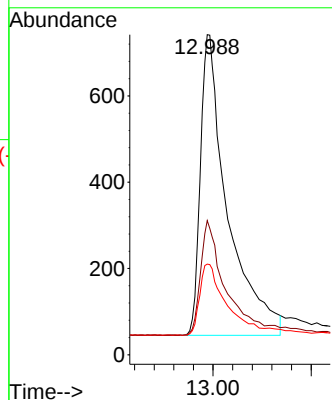
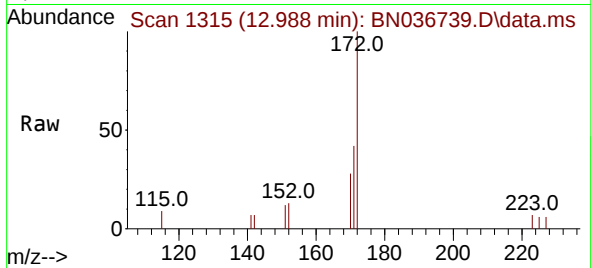




#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.988 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036739.D
Acq: 27 Mar 2025 16:14

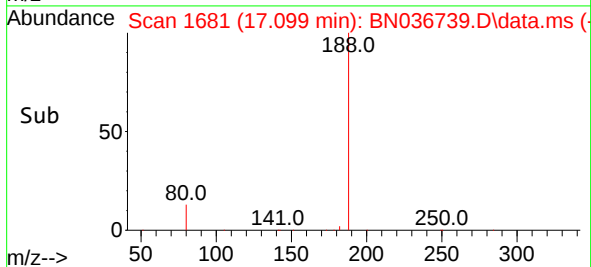
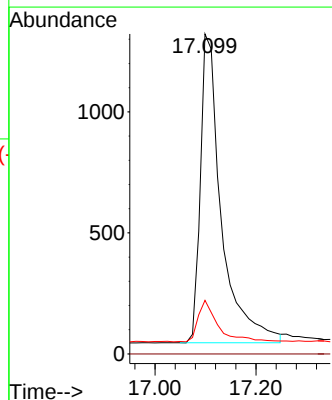
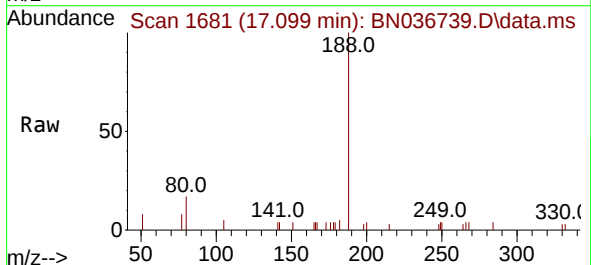
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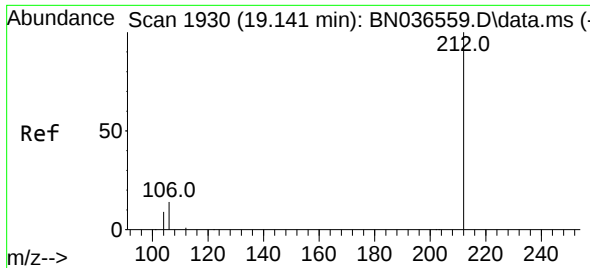
Tgt Ion:172 Resp: 3011
Ion Ratio Lower Upper
172 100
171 41.9 29.5 44.3
170 28.3 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036739.D
Acq: 27 Mar 2025 16:14

Tgt Ion:188 Resp: 3701
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.7 8.8 13.2#

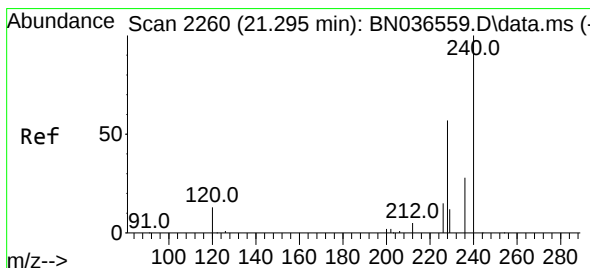
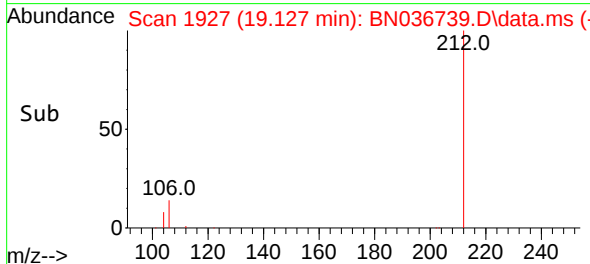
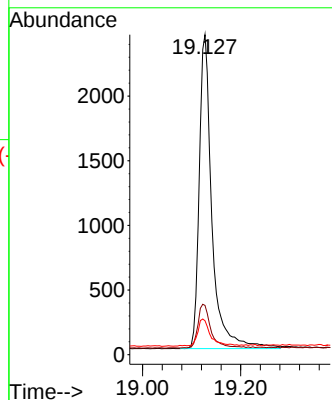
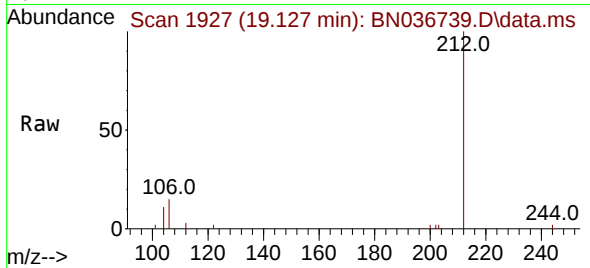




#27
Fluoranthene-d10
Concen: 0.461 ng
RT: 19.127 min Scan# 1912
Delta R.T. -0.014 min
Lab File: BN036739.D
Acq: 27 Mar 2025 16:14

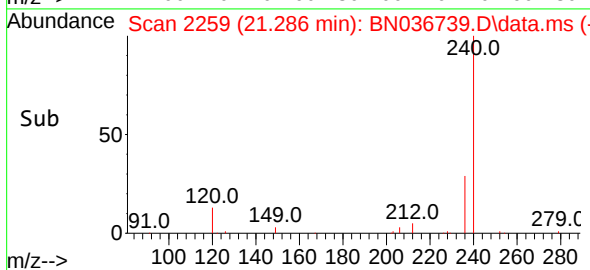
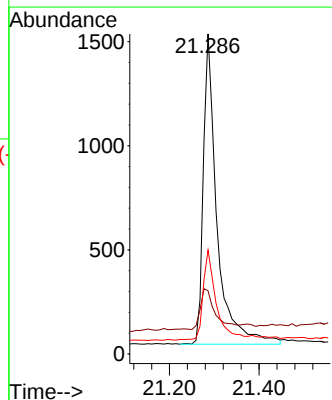
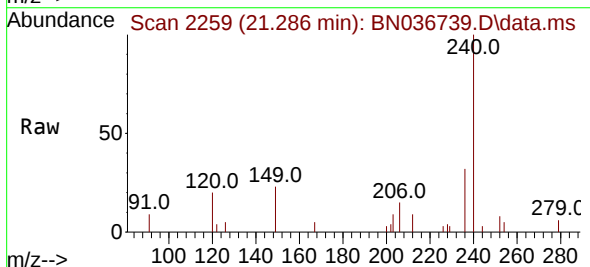
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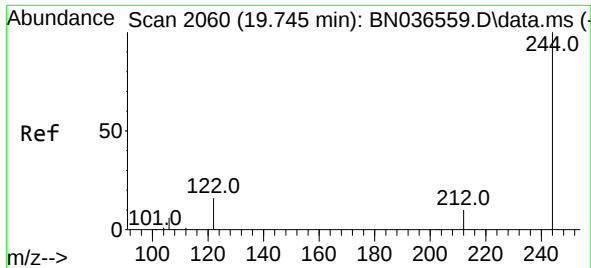
Tgt Ion:212 Resp: 4373
Ion Ratio Lower Upper
212 100
106 14.2 11.8 17.6
104 8.9 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.009 min
Lab File: BN036739.D
Acq: 27 Mar 2025 16:14

Tgt Ion:240 Resp: 3168
Ion Ratio Lower Upper
240 100
120 19.8 14.6 22.0
236 32.5 24.1 36.1

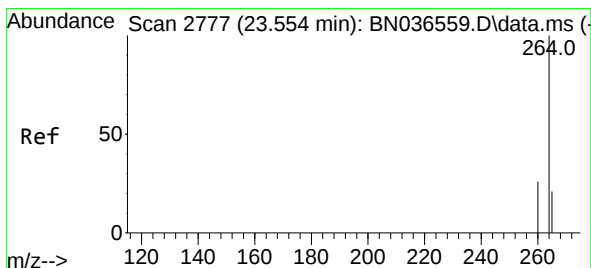
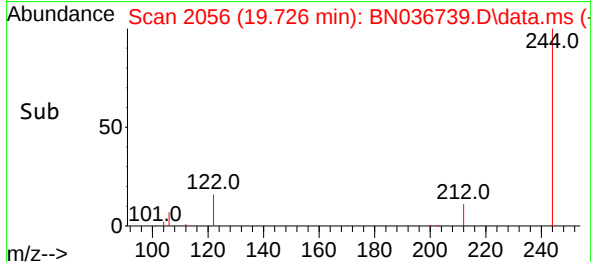
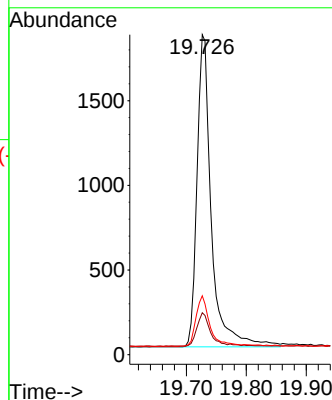
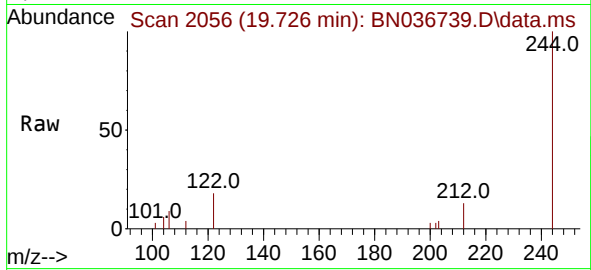




#31
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 19.726 min Scan# 2060
 Delta R.T. -0.018 min
 Lab File: BN036739.D
 Acq: 27 Mar 2025 16:14

Instrument :
 BNA_N
 ClientSampleId :
 PB167251BL

Tgt Ion:244 Resp: 3057
 Ion Ratio Lower Upper
 244 100
 212 13.1 9.6 14.4
 122 18.4 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.531 min Scan# 2769
 Delta R.T. -0.023 min
 Lab File: BN036739.D
 Acq: 27 Mar 2025 16:14

Tgt Ion:264 Resp: 2693
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.6 33.8
 265 114.9 88.1 132.1

